

Serial No.: 10/517,303
Atty. Docket No.: P70299US0

IN THE CLAIMS:

Please amend and add claims as follows:

1. (Currently Amended) A towed decoy arrangement for a craft ~~(20)~~ comprising a decoy ~~(21)~~ towed by the craft, ~~characterised in that it comprises on the~~ said craft having a first ~~an~~ antenna ~~(1)~~ for receiving threatening signals, ~~such as radar pulses,~~ an analysis and noise signal generating device ~~(2, 3, 4)~~ which generates a noise signal and converts ~~the same~~ said noise signal up to a frequency which is rapidly attenuated in air and ~~an a~~ second antenna ~~(5)~~ for transmitting said noise signal to the towed decoy, said ~~and in the~~ decoy including a third ~~an~~ antenna ~~(6)~~ receiving the signal from the second antenna ~~(5)~~ of the craft, a device ~~(7, 8, 9, 10, 11, 12)~~ transforming the received signal into a noise signal by shifting ~~it~~ said received signal to the frequency of the threatening signal and amplifying ~~it~~ said received signal, and a fourth ~~and, an~~ antenna ~~(13)~~ transmitting the noise signal in the direction of the source of the threat signal.

2. (Currently Amended) A The towed decoy arrangement as claimed in claim 1, ~~characterised in that~~ wherein the analysis and noise signal generating device includes ~~(2, 3, 4)~~ ~~consists of~~ the jamming equipment of the aircraft ~~for inherent jamming.~~

Serial No.: 10/517,303
Atty. Docket No.: P70299US0

3. (Currently Amended) A ~~The~~ towed decoy arrangement as claimed in claim 1, ~~characterised in that~~ wherein the noise signal between craft and decoy is higher than 58 GHz.

4. (Currently Amended) A ~~The~~ towed decoy arrangement as claimed in claim 3, ~~characterised in that~~ wherein the noise signal between craft and decoy is 77 ± 5 GHz.

5. (Currently Amended) A method of improving a towed decoy arrangement for a craft ~~(20)~~, ~~comprising towing~~ a decoy ~~(21)~~ ~~towed by the craft~~ and having equipment for receiving threatening signals, ~~such as radar pulses~~, for analysing the same and generating a noise signal and for transmitting the noise signal, ~~characterised in that the craft is provided~~ said method comprising the steps of:

providing the craft with an antenna ~~(1)~~ for receiving the threatening signals[[,]];

generating, with an analysis and noise signal generating device, ~~(2, 3, 4)~~ ~~generating~~ a noise signal and converting the same up to a frequency which is rapidly attenuated in air[[,]]; ~~and an antenna (5) for~~

Serial No.: 10/517,303
Atty. Docket No.: P70299US0

transmitting said noise signal to the towed decoy;
~~and receiving, by the decoy, is supplemented with an~~
~~antenna (6) receiving the signal~~ transmitted ~~from the antenna (5)~~
~~of the craft[[,]];~~

transforming a device (7, 8, 9, 10, 11, 12) which
~~transforms~~ the received signal into a noise signal by shifting
said received signal ~~it~~ to the frequency of the threatening
signal[[,]]; and

transmitting, by the decoy, which is fed to the
~~existing decoy transmitter (12) with an antenna (13) for~~
~~transmitting~~ the noise signal in the direction of the source of
the threat signal.

6. (Currently Amended) A The method as claimed in claim 5,
~~characterised in that~~ wherein the step of generating uses the
~~analysis and noise signal generating device (2, 3, 4) consists of~~
the jamming equipment of the aircraft ~~for inherent jamming~~.

7. (Currently Amended) A The method as claimed in claim 5,
~~characterised in that~~ wherein the noise signal between the craft
and decoy is selected to be higher than 58 GHz.

Serial No.: 10/517,303
Atty. Docket No.: P70299US0

8. (Currently Amended) A The method as claimed in claim 7, ~~characterised in that~~ wherein the noise signal between the craft and decoy is selected to be 77 ± 5 GHz.

9. (Currently Amended) A The towed decoy arrangement as claimed in claim 2, ~~characterised in that~~ wherein the noise signal between the craft and decoy is higher than 58 GHz.

10. (Currently Amended) A The method as claimed in claim 6, ~~characterised in that~~ wherein the noise signal between the craft and decoy is selected to be higher than 58 GHz.

11. (New) A towed decoy arrangement comprising a craft towing a decoy, said craft including an antenna for receiving threatening signals and for sending signals, an analysis and noise signal generating device which generates a noise signal and converts the same up to a frequency which is rapidly attenuated in air, said craft transmitting said noise signal to the towed decoy, said decoy having an antenna for receiving the signal from the craft and a device for transforming the received signal into a noise signal by shifting said received signal to the frequency of the threatening signal, said decoy amplifying and transmitting

Serial No.: 10/517,303
Atty. Docket No.: P70299US0

said noise signal in the direction of the source of the threat signal.

12. (New) The towed decoy arrangement as claimed in claim 11, wherein the analysis and noise signal generating device includes the jamming equipment of the aircraft.

13. (New) The towed decoy arrangement as claimed in claim 11, wherein the noise signal between the craft and decoy is higher than 58 GHz.

14. (New) The towed decoy arrangement as claimed in claim 13, wherein the noise signal between craft and decoy is 77 ± 5 GHz.

15. (New) The towed decoy arrangement as claimed in claim 12, wherein the noise signal between the craft and decoy is higher than 58 GHz.